Manual weighing by weight

A short presentation

Manual weighing by weight systems to the food industry.

Manual weighing by weight systems is a combined system with an industrial table bench and a label printer from Bent Nygaard Elektronik.

Our manually labelling systems are widely used in the industry regarding food production where there is a demand of weighing and labelling the products by hand.

The systems are made a configured according to customer specifications regarding weighing capacity, platform size and installation environment. We offer help and guidance to select the correct type of table weight and encapsulation class.

Besides the table bench and label printer we can offer special designed system chasses. In this way, the costumer are secured the best working position during operation of the system and also saves a lot of table space, which often is limited in the production environment.

Our systems are made with high quality parts and components, and can be combined in many ways. We offer service 24/7 and spare parts from stock.

Contact us today if you need help with your next manual labelling system.

BNY thermo label printers.

The label printer we use in our manual labelling by weight systems is our own construction, which we have made since 1980.

The label printers have a solid chassis made in aluminum and an encapsulation of stainless steel. This construction makes it ideal to be used in production sites which has high demands regarding quality and durability.

We make our label printers with a print width up to 6" (152 mm) and with a print resolution of 200 or 300 dpi resolution. They can be equipped with different interfaces and options, eg., label-taken sensor, internal memory storage and user specific printer software.

Regardless the model, the print speed is 150 mm/sec. and it can handle label rolls up to 250 mm in outer diameter.

The printers offer easy operation via a numeric panel with functional keys and a backlit display with guiding texts. The guiding text can be made on the label so it is ¨label specific¨, which makes the operation very simple and intuitive from label to label.

If the printer is used in environments with extra cleaning or it is wet, we can offer a cabinet with extension. The extension makes ik possible to pull the printer out in different positions for better operation, service or change of the label roll.

As the printer is our own construction, we can put together a system that offers the best functionality for the costumer. Use our 4" version to print product labels with graphic, text and weight/prize specific barcodes and combine it with the 6" printer model to print ¨sum-labels¨, EAN128 barcodes and much more.

Our label printers is widely used in the food-production industry and we have made a special sea-model with enhanced encapsulation to be used on board e.g. shrimp trawlers and other harsh environments.

We don't compromise with the quality of our label printers, and we offer very specific costumer specific printer solutions.

Model TH112e-B, standard table model.

TH112e-B in cabinet with extension.

Model	TH112e-B	TH160e-B
Print width, max.:	4" (102 mm)	6" (152 mm)
Print resolution:	203 / 305 DPI	203 DPI
Label roll, max. Diameter:	250 mm	250 mm
Label roll, core:	40 mm (1) 76 mm (2)	40 mm (1) 76 mm (2)
Media:	Thermo labels	Thermo labels
Printspeed, max:	150 mm/sec.	150 mm/sec.
Connection interface:	Serial LAN	Serial LAN

Table and bench scales.

Make the manual weighing system with a bench scale of your choice. We have a large selection of different industrial scales.

Every system we make is according to customer needs and they are all different regarding scale specification and functionality.

We only chose scales of the highest quality and we have strict demands for our supplier regarding quality of the scales and also delivery time. The wide selection of scales makes it possible to deliver very specific industrial weighing systems for dry and wet environments.

The scales are integrated with our label printers and combined they make a manual weighing system. If a chassis is needed, it is adapted the selected scale and label printer.

All scales can be delivered as single or dual range versions, as well as different platform sizes. Regarding weighing of boxes, we can offer a passive roller conveyor. In this way, the operator can lead the box directly on to the scale without any heavy lifting.

All weights are delivered with fabric verification as are ready to use.

Out most popular platform sizes are shown below:

Max capacity	3 kg	6 kg	15 kg	30 kg
Single range	1 g	2 g	5 g	10 g
Dual range*	-/-	1 g/2 g	2 g/5 g	5 g/10 g
Platform (mm)	200 x 150	250 x 300	410 x 410	410 x 410

* Option

Weighing platforms in different sizes.

Industrial scales with weighing indicator, different sizes and capacity.

Label design software.

Make impressive and informative label designs with Codesoft from Teklynx.

We use the label design software Codesoft to make and edit label designs. Codesoft is one of the leading label design software on the market and contains all the functions needed to make all kind of label designs.

Codesoft are made in different version to support small business and larger production sites. The smallest version is a ¨read-only¨ and the largest supports data from ERP systems, databases, VM environments, multiple network users and ActiveX.

Whey we offer a Codesoft License, it comes with a SMA (**S**ervice **M**aintenance **A**greement, which makes it possible to upgrade the software when it is released from Teklynx. Software updates can contain new functionalities, new/add printer driver support etc.

Beside the possibility of static text, barcodes and graphic, Codesoft supports variable text input from e.g., a SQL database or as simple as a Microsoft Excel Spreadsheet. It supports all kind of barcodes, form viewers, counters, guides and a lot more.

By using the Codesoft software you are sure that the printed label will be just as on the screen. We combine the functionality of our printers and Codesoft to make guiding text on the printer display, e.g., ¨Choose label nr¨, ¨Type batch code¨ etc.

We make our own software to communicate and transfer labels to our label printers and dispensers. The software can command Codesoft to make labels and transfer them directly to the machinery, all with a few clicks. It saves times for the operator and makes the system very easy to operate.

As a certified Codesoft partner we can offer quality service and support of our Codesoft systems.

Codesoft design software

Examples of Codesoft label layouts.